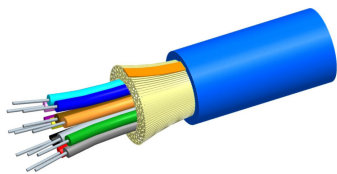


# 760239666 | N-024-DS-5L-FSUBL/D



Fiber indoor cable, LazrSPEED® Low Smoke Zero Halogen Riser Distribution, 24 fiber single-unit, Multimode OM3, Feet jacket marking, Blue jacket color, Dca flame rating

## Product Classification

|                       |   |
|-----------------------|---|
| Regional Availability | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| Portfolio             | CommScope®  |
| Product Type          | Fiber indoor cable  |
| Product Series        | N-DS  |

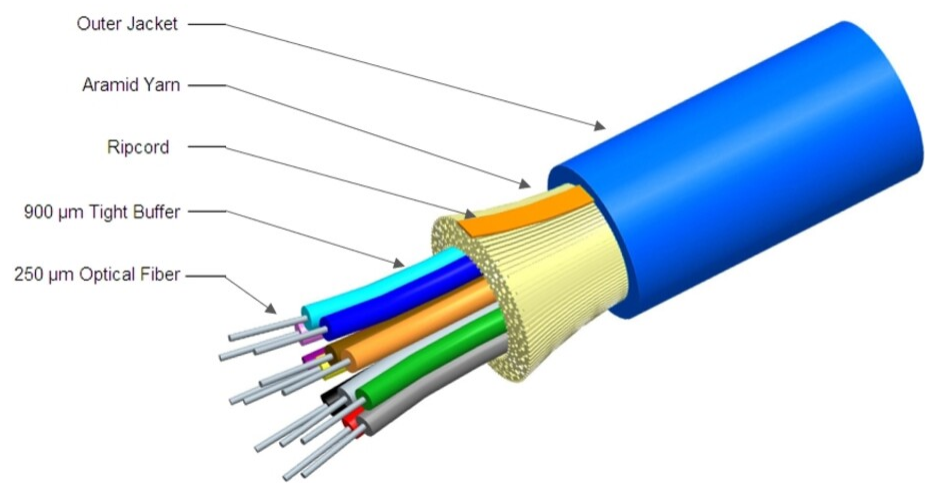
## General Specifications

|                   |              |
|-------------------|--------------|
| Cable Type        | Distribution |
| Construction Type | Non-armored  |
| Subunit Type      | Gel-free     |
| Jacket Color      | Blue         |
| Jacket Marking    | Feet         |
| Total Fiber Count | 24           |

## Dimensions

|                      |                   |
|----------------------|-------------------|
| Diameter Over Jacket | 8.6 mm   0.339 in |
|----------------------|-------------------|

## Representative Image



Mechanical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded       | 130 mm   5.118 in                     |
| Minimum Bend Radius, unloaded     | 86 mm   3.386 in                      |
| Tensile Load, long term, maximum  | 400 N   89.924 lbf                    |
| Tensile Load, short term, maximum | 1335 N   300.12 lbf                   |
| Compression                       | 10 N/mm   57.101 lb/in                |
| Compression Test Method           | FOTP-41   IEC 60794-1 E3              |
| Flex                              | 100 cycles                            |
| Flex Test Method                  | FOTP-104   IEC 60794-1 E6             |
| Impact                            | 2.94 N-m   26.021 in lb               |
| Impact Test Method                | FOTP-25   IEC 60794-1 E4              |
| Strain                            | See long and short term tensile loads |
| Strain Test Method                | FOTP-33   IEC 60794-1 E1              |
| Twist                             | 10 cycles                             |
| Twist Test Method                 | FOTP-85   IEC 60794-1 E7              |
| Vertical Rise, maximum            | 500 m   1,640.42 ft                   |

Optical Specifications

|            |   |
|------------|---|
| Fiber Type | OM3, LazrSPEED® 300   OM3, LazrSPEED® 300 |
|------------|---|

### Environmental Specifications

|  |   |
|--|---|
| Installation temperature                     | -10 °C to +60 °C (+14 °F to +140 °F)                        |
| Operating Temperature                        | -20 °C to +70 °C (-4 °F to +158 °F)                         |
| Storage Temperature                          | -40 °C to +70 °C (-40 °F to +158 °F)                        |
| Cable Qualification Standards                | ANSI/ICEA S-83-596   Telcordia GR-409                       |
| EN50575 CPR Cable EuroClass Fire Performance | Dca   |
| EN50575 CPR Cable EuroClass Smoke Rating     | s1a   |
| EN50575 CPR Cable EuroClass Droplets Rating  | d1  |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1  |
| Environmental Space                          | Low Smoke Zero Halogen (LSZH)   Riser                       |
| Flame Test Listing                           | NEC OFNR-ST1 (ETL) and c(ETL)                               |
| Flame Test Method                            | IEC 60332-3   IEC 60754-2   IEC 61034-2   UL 1666   UL 1685 |

### Environmental Test Specifications

|                               |                                      |
|-------------------------------|--------------------------------------|
| Heat Age                      | -20 °C to +85 °C (-4 °F to +185 °F)  |
| Heat Age Test Method          | IEC 60794-1 F9                       |
| Low High Bend                 | -10 °C to +60 °C (+14 °F to +140 °F) |
| Low High Bend Test Method     | FOTP-37   IEC 60794-1 E11            |
| Temperature Cycle             | -20 °C to +70 °C (-4 °F to +158 °F)  |
| Temperature Cycle Test Method | FOTP-3   IEC 60794-1 F1              |

### Packaging and Weights

|              |                         |
|--------------|-------------------------|
| Cable weight | 66 kg/km   44.35 lb/kft |
|--------------|-------------------------|

### Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| ANATEL        | Compliant  |
| CENELEC       | EN 50575 compliant, Declaration of Performance (DoP) available                 |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |



### Included Products

|          |   |
|----------|---|
| CS-5L-TB | – LazrSPEED® 300 OM3 Bend-Insensitive Multimode |
|----------|---|

Fiber

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable